NTC THERMISTOR R-T CHARACTERISTICS

TYPE	FH10-6E103F*

T0(℃)	T1(℃)	T2(℃)
25	25	50

R at T0℃	10000 Ω	R+TOLERANCE(%)	1	R-TOLERANCE(%)	1
B(T1℃/T2℃)	3950 K	B+TOLERANCE(K)	39.5	B-TOLERANCE(K)	39.5

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	2.683E+05	2.812E+05	2.947E+05
-39	2.524E+05	2.643E+05	2.768E+05
-38	2.375E+05	2.486E+05	2.602E+05
-37	2.237E+05	2.340E+05	2.447E+05
-36	2.107E+05	2.203E+05	2.302E+05
-35	1.986E+05	2.075E+05	2.166E+05
-34	1.873E+05	1.955E+05	2.040E+05
-33	1.767E+05	1.843E+05	1.922E+05
-32	1.668E+05	1.738E+05	1.811E+05
-31	1.575E+05	1.640E+05	1.708E+05
-30	1.487E+05	1.548E+05	1.611E+05
-29	1.405E+05	1.461E+05	1.520E+05
-28	1.327E+05	1.380E+05	1.434E+05
-27	1.255E+05	1.303E+05	1.354E+05
-26	1.187E+05	1.232E+05	1.279E+05
-25	1.123E+05	1.165E+05	1.209E+05
-24	1.063E+05	1.103E+05	1.143E+05
-23	1.007E+05	1.044E+05	1.081E+05
-22	9.545E+04	9.884E+04	1.023E+05
-21	9.049E+04	9.364E+04	9.689E+04
-20	8.582E+04	8.876E+04	9.178E+04
-19	8.151E+04	8.424E+04	8.706E+04
-18	7.741E+04	7.996E+04	8.258E+04
-17	7.354E+04	7.591E+04	7.835E+04
-16	6.986E+04	7.207E+04	7.435E+04
-15	6.638E+04	6.844E+04	7.056E+04
-14	6.308E+04	6.500E+04	6.697E+04
-13	5.996E+04	6.174E+04	6.358E+04
-12	5.699E+04	5.866E+04	6.037E+04
-11	5.418E+04	5.574E+04	5.733E+04
-10	5.152E+04	5.297E+04	5.445E+04
-9	4.901E+04	5.036E+04	5.174E+04
-8	4.663E+04	4.788E+04	4.917E+04
-7	4.437E+04	4.553E+04	4.673E+04
-6	4.222E+04	4.330E+04	4.441E+04
-5	4.017E+04	4.119E+04	4.222E+04
-4	3.823E+04	3.917E+04	4.014E+04
-3	3.639E+04	3.727E+04	3.816E+04
-2	3.464E+04	3.546E+04	3.629E+04
-1	3.298E+04	3.374E+04	3.451E+04
0	3.140E+04	3.211E+04	3.282E+04

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	3.140E+04	3.211E+04	3.282E+04
1	2.989E+04	3.054E+04	3.121E+04
2	2.846E+04	2.907E+04	2.968E+04
3	2.710E+04	2.767E+04	2.824E+04
4	2.582E+04	2.635E+04	2.688E+04
5	2.461E+04	2.509E+04	2.559E+04
6	2.346E+04	2.391E+04	2.437E+04
7	2.237E+04	2.279E+04	2.321E+04
8	2.134E+04	2.172E+04	2.212E+04
9	2.036E+04	2.072E+04	2.108E+04
10	1.943E+04	1.976E+04	2.010E+04
11	1.855E+04	1.886E+04	1.917E+04
12	1.771E+04	1.800E+04	1.829E+04
13	1.691E+04	1.718E+04	1.745E+04
14	1.616E+04	1.640E+04	1.665E+04
15	1.544E+04	1.567E+04	1.590E+04
16	1.475E+04	1.496E+04	1.518E+04
17	1.410E+04	1.430E+04	1.449E+04
18	1.348E+04	1.366E+04	1.384E+04
19	1.289E+04	1.306E+04	1.322E+04
20	1.233E+04	1.248E+04	1.264E+04
21	1.180E+04	1.194E+04	1.208E+04
22	1.129E+04	1.142E+04	1.155E+04
23	1.080E+04	1.092E+04	1.104E+04
24	1.034E+04	1.045E+04	1.056E+04
25	9.900E+03	1.000E+04	1.010E+04
26	9.473E+03	9.573E+03	9.673E+03
27	9.066E+03	9.166E+03	9.266E+03
28	8.679E+03	8.778E+03	8.878E+03
29	8.310E+03	8.409E+03	8.508E+03
30	7.959E+03	8.057E+03	8.156E+03
31	7.625E+03	7.722E+03	7.819E+03
32	7.306E+03	7.402E+03	7.499E+03
33	7.002E+03	7.097E+03	7.193E+03
34	6.712E+03	6.806E+03	6.901E+03
35	6.436E+03	6.529E+03	6.622E+03
36	6.172E+03	6.264E+03	6.356E+03
37	5.921E+03	6.011E+03	6.102E+03
38	5.681E+03	5.770E+03	5.860E+03
39	5.452E+03	5.539E+03	5.628E+03
40	5.233E+03	5.319E+03	5.407E+03
41	5.024E+03	5.109E+03	5.195E+03
42	4.825E+03	4.908E+03	4.993E+03
43	4.634E+03	4.716E+03	4.800E+03
44	4.452E+03	4.533E+03	4.615E+03
45	4.278E+03	4.357E+03	4.438E+03
46	4.112E+03	4.190E+03	4.269E+03
47	3.953E+03	4.029E+03	4.107E+03
48	3.801E+03	3.876E+03	3.952E+03
49	3.655E+03	3.729E+03	3.803E+03
50	3.516E+03	3.588E+03	3.661E+03

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R at T0℃	10000 Ω	R+TOLERANCE(%)	1	R-TOLERANCE(%)	1
B(T1℃/T2℃)	3950 K	B+TOLERANCE(K)	39.5	B-TOLERANCE(K)	39.5

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
50	3.516E+03	3.588E+03	3.661E+03
51	3.383E+03	3.454E+03	3.525E+03
52	3.255E+03	3.325E+03	3.395E+03
53	3.133E+03	3.201E+03	3.270E+03
54	3.017E+03	3.083E+03	3.151E+03
55	2.905E+03	2.970E+03	3.036E+03
56	2.798E+03	2.861E+03	2.926E+03
57	2.695E+03	2.757E+03	2.821E+03
58	2.597E+03	2.658E+03	2.720E+03
59	2.502E+03	2.562E+03	2.623E+03
60	2.412E+03	2.470E+03	2.530E+03
61	2.325E+03	2.383E+03	2.441E+03
62	2.242E+03	2.298E+03	2.356E+03
63	2.163E+03	2.218E+03	2.274E+03
64	2.087E+03	2.140E+03	2.195E+03
65	2.013E+03	2.066E+03	2.119E+03
66	1.943E+03	1.994E+03	2.047E+03
67	1.875E+03	1.926E+03	1.977E+03
68	1.810E+03	1.860E+03	1.910E+03
69	1.748E+03	1.796E+03	1.845E+03
70	1.688E+03	1.735E+03	1.783E+03
71	1.631E+03	1.677E+03	1.724E+03
72	1.575E+03	1.620E+03	1.666E+03
73	1.522E+03	1.566E+03	1.611E+03
74	1.471E+03	1.514E+03	1.558E+03
75	1.422E+03	1.464E+03	1.507E+03
76	1.375E+03	1.416E+03	1.458E+03
77	1.329E+03	1.370E+03	1.411E+03
78	1.286E+03	1.325E+03	1.365E+03
79	1.244E+03	1.282E+03	1.321E+03
80	1.203E+03	1.241E+03	1.279E+03
81	1.165E+03	1.201E+03	1.239E+03
82	1.127E+03	1.163E+03	1.200E+03
83	1.091E+03	1.126E+03	1.162E+03
84	1.057E+03	1.091E+03	1.126E+03
85	1.023E+03	1.057E+03	1.091E+03
86	9.909E+02	1.024E+03	1.057E+03
87	9.599E+02	9.919E+02	1.025E+03
88	9.300E+02	9.613E+02	9.936E+02
89	9.011E+02	9.318E+02	9.634E+02
90	8.733E+02	9.033E+02	9.342E+02
91	8.464E+02	8.757E+02	9.060E+02
92	8.204E+02	8.491E+02	8.787E+02
93	7.954E+02	8.235E+02	8.524E+02
94	7.713E+02	7.987E+02	8.270E+02
95	7.480E+02	7.748E+02	8.025E+02
96	7.255E+02	7.518E+02	7.789E+02
97	7.038E+02	7.295E+02	7.560E+02
98	6.829E+02	7.080E+02	7.339E+02
99	6.627E+02	6.872E+02	7.126E+02
100	6.431E+02	6.672E+02	6.920E+02

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
100	6.431E+02	6.672E+02	6.920E+02
101	6.243E+02	6.478E+02	6.722E+02
102	6.061E+02	6.291E+02	6.529E+02
103	5.886E+02	6.111E+02	6.344E+02
104	5.716E+02	5.936E+02	6.164E+02
105	5.551E+02	5.767E+02	5.990E+02
106	5.392E+02	5.603E+02	5.822E+02
107	5.239E+02	5.445E+02	5.659E+02
108	5.090E+02	5.292E+02	5.501E+02
109	4.946E+02	5.144E+02	5.349E+02
110	4.807E+02	5.000E+02	5.201E+02
111	4.672E+02	4.861E+02	5.058E+02
112	4.542E+02	4.727E+02	4.919E+02
113	4.415E+02	4.597E+02	4.785E+02
114	4.293E+02	4.470E+02	4.655E+02
115	4.175E+02	4.348E+02	4.529E+02
116	4.060E+02	4.230E+02	4.407E+02
117	3.949E+02	4.116E+02	4.289E+02
118	3.842E+02	4.005E+02	4.175E+02
119	3.738E+02	3.898E+02	4.064E+02
120	3.637E+02	3.794E+02	3.956E+02
121	3.540E+02	3.693E+02	3.852E+02
122	3.446E+02	3.596E+02	3.752E+02
123	3.354E+02	3.501E+02	3.654E+02
124	3.266E+02	3.410E+02	3.559E+02
125	3.180E+02	3.321E+02	3.467E+02